

Title (en)  
LOCK ARRANGEMENT AND METHOD FOR DETECTING THE PRESENCE AND LOCATION OF A DEVICE SENDING A RADIO SIGNAL

Title (de)  
VERRIEGELUNGSVORRICHTUNG UND VERFAHREN ZUR FESTSTELLUNG DES VORHANDENSEINS UND ORTES EINER VORRICHTUNG, DIE EIN FUNKSIGNAL AUSSENDET

Title (fr)  
SYSTÈME DE SERRURE ET PROCÉDÉ DE DÉTECTION DE PRÉSENCE ET D'EMPLACEMENT D'UN DISPOSITIF ENVOYANT UN SIGNAL RADIO

Publication  
**EP 3052723 A4 20170628 (EN)**

Application  
**EP 14850678 A 20140929**

Priority

- FI 20135981 A 20131001
- FI 2014050740 W 20140929

Abstract (en)  
[origin: WO2015049417A1] Lock arrangement (100, 200, 400) and method for detecting the presence and location of a device (105) sending a radio signal, which lock arrangement comprises a lock case (201) that can be fixed into a door, which lock case (201) comprises a locking latch (202) and a latch mechanism. The lock arrangement further comprises at least two antennas (102, 103, 213, 403) fitted into connection with the lock arrangement and means (104) for receiving radio signals connected to the antennas. The lock arrangement is adapted to determine on the basis of the signals measured from the antennas (102, 103, 213, 403) on which side of the lock arrangement the device (105) sending a radio signal is located.

IPC 8 full level  
**E05B 15/02** (2006.01); **E05B 47/00** (2006.01); **G06K 7/10** (2006.01); **G07C 9/00** (2020.01); **G08C 17/02** (2006.01); **H04B 5/00** (2006.01); **H04B 7/08** (2006.01); **H04W 4/80** (2018.01); **H01Q 1/22** (2006.01)

CPC (source: EP FI US)  
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Citation (search report)

- [XY] US 2013237193 A1 20130912 - DUMAS PHILIP C [US], et al
- [Y] US 2009308116 A1 20091217 - LAMBROU HARRY [AU]
- See also references of WO 2015049417A1

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